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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/674,597

DATE: 04/09/2003 86
TIME: 09:35:21

Input Set : A:\00537-169002.TXT

Output Set: N:\CRF4\04092003\I674597.raw

4 <110> APPLICANT: Chorev, Michael
5 Dong, Zheng Xin
6 Rosenblatt, Michael
8 <120> TITLE OF INVENTION: PTH2 RECEPTOR SELECTIVE COMPOUNDS
10 <130> FILE REFERENCE: 00537-169002
12 <140> CURRENT APPLICATION NUMBER: US 09/674,597
13 <141> CURRENT FILING DATE: 2000-11-02
15 <150> PRIOR APPLICATION NUMBER: PCT/US99/09521
16 <151> PRIOR FILING DATE: 1999-05-03
18 <150> PRIOR APPLICATION NUMBER: US 09/072,956
19 <151> PRIOR FILING DATE: 1998-05-05
21 <160> NUMBER OF SEQ ID NOS: 53
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 34
27 <212> TYPE: PRT
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
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32 1 5 10 15
33 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
34 20 25 30
35 Asn Phe
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 34
40 <212> TYPE: PRT
41 <213> ORGANISM: Homo sapiens
43 <400> SEQUENCE: 2
44 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
45 1 5 10 15
46 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
47 20 25 30
48 Thr Ala
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 34
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: mutagen
W--> 59 <221> NAME/KEY: AMIDATION
60 <222> LOCATION: 34
W--> 62 <400> 3
63 Ala Val Ser Glu Ile Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln

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64 1 5 10 15
65 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
66 20 25 30
67 Thr Ala
70 <210> SEQ ID NO: 4
71 <211> LENGTH: 34
72 <212> TYPE: PRT
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: mutagen
W--> 78 <221> NAME/KEY: MOD_RES
79 <222> LOCATION: 34
80 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
81 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
82 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 84 <400> 4
85 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
86 1 5 10 15
87 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
88 20 25 30
89 Asn Phe
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 35
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: mutagen
W--> 100 <221> NAME/KEY: MOD_RES
101 <222> LOCATION: 35
102 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
103 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
104 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 106 <400> 5
107 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
108 1 5 10 15
109 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
110 20 25 30
111 Asn Phe Val
112 35
114 <210> SEQ ID NO: 6
115 <211> LENGTH: 36
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: mutagen
W--> 122 <221> NAME/KEY: MOD_RES
123 <222> LOCATION: 36
124 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
125 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a

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126 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2

W--> 128 <400> 6

129 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn

130 1 5 10 15

131 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His

132 20 25 30

133 Asn Phe Val Ala

134 35

136 <210> SEQ ID NO: 7

137 <211> LENGTH: 37

138 <212> TYPE: PRT

139 <213> ORGANISM: Artificial Sequence

141 <220> FEATURE:

142 <223> OTHER INFORMATION: mutagen

W--> 144 <221> NAME/KEY: MOD_RES

145 <222> LOCATION: 37

146 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,

147 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a

148 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2

W--> 150 <400> 7

151 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn

152 1 5 10 15

153 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His

154 20 25 30

155 Asn Phe Val Ala Leu

156 35

158 <210> SEQ ID NO: 8

159 <211> LENGTH: 38

160 <212> TYPE: PRT

161 <213> ORGANISM: Artificial Sequence

163 <220> FEATURE:

164 <223> OTHER INFORMATION: mutagen

W--> 166 <221> NAME/KEY: MOD_RES

167 <222> LOCATION: 38

168 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,

169 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a

170 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2

W--> 172 <400> 8

173 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn

174 1 5 10 15

175 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His

176 20 25 30

177 Asn Phe Val Ala Leu Gly

178 35

180 <210> SEQ ID NO: 9

181 <211> LENGTH: 34

182 <212> TYPE: PRT

183 <213> ORGANISM: Artificial Sequence

185 <220> FEATURE:

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186 <223> OTHER INFORMATION: mutagen

W--> 188 <221> NAME/KEY: MOD_RES

189 <222> LOCATION: 34

190 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,

191 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a

192 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2

W--> 194 <400> 9

195	Ala	Val	Ser	Glu	His	Gln	Leu	Leu	His	Asp	Lys	Gly	Lys	Ser	Ile	Gln
196	1				5					10					15	
197	Asp	Leu	Arg	Arg	Arg	Phe	Phe	Leu	His	His	Leu	Ile	Ala	Glu	Ile	His
198				20					25					30		
199	Thr	Ala														

202 <210> SEQ ID NO: 10

203 <211> LENGTH: 35

204 <212> TYPE: PRT

205 <213> ORGANISM: Artificial Sequence

207 <220> FEATURE:

208 <223> OTHER INFORMATION: mutagen

W--> 210 <221> NAME/KEY: MOD_RES

211 <222> LOCATION: 35

212 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,

213 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a

214 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2

W--> 216 <400> 10

217	Ala	Val	Ser	Glu	His	Gln	Leu	Leu	His	Asp	Lys	Gly	Lys	Ser	Ile	Gln
218	1				5					10					15	
219	Asp	Leu	Arg	Arg	Arg	Phe	Phe	Leu	His	His	Leu	Ile	Ala	Glu	Ile	His
220				20					25					30		
221	Thr	Ala	Glu													
222				35												

224 <210> SEQ ID NO: 11

225 <211> LENGTH: 36

226 <212> TYPE: PRT

227 <213> ORGANISM: Artificial Sequence

229 <220> FEATURE:

230 <223> OTHER INFORMATION: mutagen

W--> 232 <221> NAME/KEY: MOD_RES

233 <222> LOCATION: 36

234 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,

235 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a

236 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2

W--> 238 <400> 11

239	Ala	Val	Ser	Glu	His	Gln	Leu	Leu	His	Asp	Lys	Gly	Lys	Ser	Ile	Gln
240	1				5					10					15	
241	Asp	Leu	Arg	Arg	Arg	Phe	Phe	Leu	His	His	Leu	Ile	Ala	Glu	Ile	His
242				20					25					30		
243	Thr	Ala	Glu	Ile												
244				35												

246 <210> SEQ ID NO: 12

RAW SEQUENCE LISTING
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247 <211> LENGTH: 37
248 <212> TYPE: PRT
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: mutagen
W--> 254 <221> NAME/KEY: MOD_RES
255 <222> LOCATION: 37
256 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
257      NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
258      (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 260 <400> 12
261 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
262 1 5 10 15
263 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
264 20 25 30
265 Thr Ala Glu Ile Arg
266 35
268 <210> SEQ ID NO: 13
269 <211> LENGTH: 38
270 <212> TYPE: PRT
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: mutagen
W--> 276 <221> NAME/KEY: MOD_RES
277 <222> LOCATION: 38
278 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
279      NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
280      (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 282 <400> 13
283 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
284 1 5 10 15
285 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
286 20 25 30
287 Thr Ala Glu Ile Arg Ala
288 35
290 <210> SEQ ID NO: 14
291 <211> LENGTH: 36
292 <212> TYPE: PRT
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: mutagen
298 <400> SEQUENCE: 14
299 Ala Val Ser Glu Ile Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
300 1 5 10 15
301 Asp Leu Arg Arg Arg Phe Trp Leu His His Leu Ile Ala Glu Ile His
302 20 25 30
303 Thr Ala Glu Ile
304 35
306 <210> SEQ ID NO: 15

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RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : A:\00537-169002.TXT
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:16; Xaa Pos. 7,10,17
Seq#:17; Xaa Pos. 8,18,34
Seq#:19; Xaa Pos. 7,10
Seq#:20; Xaa Pos. 7,10
Seq#:22; Xaa Pos. 7,10
Seq#:23; Xaa Pos. 17
Seq#:25; Xaa Pos. 7,11
Seq#:26; Xaa Pos. 7,11
Seq#:27; Xaa Pos. 7,17
Seq#:28; Xaa Pos. 7,17
Seq#:29; Xaa Pos. 8,17
Seq#:30; Xaa Pos. 8,17
Seq#:31; Xaa Pos. 8,17
Seq#:32; Xaa Pos. 8,17
Seq#:33; Xaa Pos. 8,17
Seq#:34; Xaa Pos. 8,17
Seq#:35; Xaa Pos. 8,17
Seq#:36; Xaa Pos. 8,17
Seq#:37; Xaa Pos. 8,17
Seq#:38; Xaa Pos. 8,18
Seq#:39; Xaa Pos. 8,18
Seq#:40; Xaa Pos. 8,18
Seq#:41; Xaa Pos. 8,18
Seq#:42; Xaa Pos. 6,7,10,17
Seq#:43; Xaa Pos. 7,10,17
Seq#:44; Xaa Pos. 7,8,10,17
Seq#:45; Xaa Pos. 7,8
Seq#:46; Xaa Pos. 7,11

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Input Set : A:\00537-169002.TXT

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L:59 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:62 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:78 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:84 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:100 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:106 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:122 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:128 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:144 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:150 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:166 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:188 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:194 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:210 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:216 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:232 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:238 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:254 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:260 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12
L:276 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:282 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13
L:330 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:334 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:338 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:341 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
M:341 Repeated in SeqNo=16
L:357 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:361 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:365 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:368 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
M:341 Repeated in SeqNo=17
L:384 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:387 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:403 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:407 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19
L:410 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19
L:411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:426 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:430 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20
L:433 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20
L:434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:447 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:450 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:21
L:464 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:468 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22

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L:471 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22
L:472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:485 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:489 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23
L:492 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23
L:495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:16
L:508 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:511 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24
L:527 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:531 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25
L:534 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25
L:535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:550 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:554 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:557 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:573 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:577 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:27
L:580 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:27
L:581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
M:341 Repeated in SeqNo=27
L:596 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:600 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28
L:603 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28
L:604 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
M:341 Repeated in SeqNo=28
L:619 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:623 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:29
L:626 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:29
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
M:341 Repeated in SeqNo=29
L:642 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:646 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30
L:649 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30
L:650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
M:341 Repeated in SeqNo=30
L:665 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:669 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31
L:672 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31
L:673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
M:341 Repeated in SeqNo=31
L:688 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:692 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:695 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
M:341 Repeated in SeqNo=32
L:711 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:715 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33
L:718 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33

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L:719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
M:341 Repeated in SeqNo=33
L:734 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:738 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:34
L:741 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:34
L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
M:341 Repeated in SeqNo=34
L:757 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:761 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:35
L:764 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:35
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
M:341 Repeated in SeqNo=35
L:780 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
M:341 Repeated in SeqNo=36
L:803 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
M:341 Repeated in SeqNo=37
L:826 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
M:341 Repeated in SeqNo=38
L:849 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
M:341 Repeated in SeqNo=39
L:872 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
M:341 Repeated in SeqNo=40
L:895 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
M:341 Repeated in SeqNo=41
L:918 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
M:341 Repeated in SeqNo=42
L:945 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
M:341 Repeated in SeqNo=43
L:972 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
M:341 Repeated in SeqNo=44
L:999 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:1020 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1028 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:1041 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1060 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1079 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1098 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1117 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1136 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/674,597

DATE: 04/09/2003

TIME: 09:35:22

Input Set : A:\00537-169002.TXT

Output Set: N:\CRF4\04092003\I674597.raw

L:1155 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!